

SEQUENCE LISTING

<110> JOANNE CHORY AND ZHIYONG WANG

<120> GENES INVOLVED IN BRASSINOSTEROID
HORMONE ACTION IN PLANTS

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 <212> PRT
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<400> 7

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Glu	Glu	Asp	Gly	Thr	Thr	Tyr	Arg	Lys	Gly	Cys	Lys	Pro	Leu	Pro	Gly
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Glu	Ile	Ala	Gly	Thr	Ser	Ser	Arg	Val	Thr	Pro	Tyr	Ser	Ser	Gln	Asn
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Gln	Ser	Pro	Leu	Ser	Ser	Ala	Phe	Gln	Ser	Pro	Ile	Pro	Ser	Tyr	Gln
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Val	Ser	Pro	Ser	Ser	Ser	Ser	Phe	Pro	Ser	Pro	Ser	Arg	Gly	Glu	Pro
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145				150					155					160	
Ile	Pro	Ser	Ser	Leu	Pro	Ser	Leu	Arg	Ile	Ser	Asn	Ser	Cys	Pro	Val
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Thr	Pro	Pro	Val	Ser	Ser	Pro	Thr	Ser	Lys	Asn	Pro	Lys	Pro	Leu	Pro
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Asn	Trp	Glu	Ser	Ile	Ala	Lys	Gln	Ser	Met	Ala	Ile	Ala	Lys	Gln	Ser
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Met	Ala	Ser	Phe	Asn	Tyr	Pro	Phe	Tyr	Ala	Val	Ser	Ala	Pro	Ala	Ser
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Pro	Thr	His	Arg	His	Gln	Phe	His	Thr	Leu	Ala	Thr	Ile	Pro	Glu	Cys
225				230				235						240	
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 35 40 45
 Gly Leu Arg Ala Gln Gly Asn Tyr Asn Leu Pro Lys His Cys Asp Asn
 50 55 60
 Asn Glu Val Leu Lys Ala Leu Cys Ser Glu Ala Gly Trp Val Val Glu
 65 70 75 80
 Glu Asp Gly Thr Thr Tyr Arg Lys Gly His Lys Pro Leu Pro Gly Asp
 85 90 95
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 Pro Val Ser Ser Pro Thr Ser Arg Asn Pro Lys Pro Leu Pro Thr Trp
 180 185 190
 Glu Ser Phe Thr Lys Gln Ser Met Ser Met Ala Ala Lys Gln Ser Met
 195 200 205
 Thr Ser Leu Asn Tyr Pro Phe Tyr Ala Val Ser Ala Pro Ala Ser Pro
 210 215 220
 Thr His His Arg Gln Phe His Ala Pro Ala Thr Ile Pro Glu Cys Asp
 225 230 235 240
 Glu Ser Asp Ser Ser Thr Val Asp Ser Gly His Trp Ile Ser Phe Gln
 245 250 255
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 260 265 270
 Pro Thr Phe Asn Leu Val Lys Pro Ala Pro Gln Gln Leu Ser Pro Asn
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<211> 335

<212> PRT

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			20					25					30				
Arg	Arg	Arg	Glu	Arg	Arg	Arg	Arg	Ala	Val	Ala	Ala	Lys	Ile	Tyr	Thr		
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Ser	Pro	Ser	Ser	Ser	Ser	Phe	Pro	Ser	Pro	Ser	Arg	Val	Gly	Asp	Pro		
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Asn	Ser	Gln	Val	Lys	Pro	Trp	Glu	Gly	Glu	Arg	Ile	His	Asp	Val	Ala		
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<400> 11

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<400> 12

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<213> Primer

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<210> 14
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